

What is claimed is:

1. A voice data transmitting and receiving system for transmitting and receiving voice data as packet data via a network, wherein:

on the transmission side voice clauses are divided and transmitted as packet data in divided clause units, and on the reception side the voice data is outputted as voice based on the received packet data in clause units.

2. A voice data transmitting and receiving system, wherein:

on the transmission side:

real-time communication packets are generated based on input voice data;

the input voice data is divided into clause units; and

a plurality of RTP voice data in the clause units are transferred as packet data to a communication path; and

on the reception side:

packet data in clause units are obtained from packeted received data received via the communication path, thereby producing a replica of the RTPs in clause units; and

outputting the voice data as voice based on the replica of the RTPs.

3. A voice data transmitting and receiving system, wherein;

on the transmission side:

real-time communication packets are generated based on

input voice data;

the input voice data is divided off into clause units;

and

a plurality of voice data RTPs in the clause units are combined into a single packet data and transferred to a communication path; and

on the reception side:

packet data in clause units are obtained from packeted received data received via the communication path, thereby producing a replica of the RTPs in clause units; and

the voice data is outputted as voice based on the plurality of RTPs.

4. The voice data transmitting and receiving system according to one of claims 1 to 3 wherein data sent out from the transmission side is in the form of a file.

5. The voice data transmitting and receiving system according to one of claims 1 to 3, wherein on the transmission side either a re-transfer request is provided by recognizing missing of received data or an interpolation process on the received data is executed based on the received file data.

6. The voice data transmitting and receiving system according to one of claims 1 to 4, wherein the file data sent out from the transmission side is provided with discrimination data.

7. The voice data transmitting and receiving system according to claim 6, wherein in the reception, transmission side data is taken out from the received file data based on the discrimination data.

8. The voice data transmitting and receiving system according to one of claims 1 to 7, wherein the voice is divided into clauses based on voice recognition.

9. The voice data transmitting and receiving system according to one of claims 1 to 7, wherein the voice is divided into clauses based on an externally provided instruction.

10. The voice data transmitting and receiving system according to one of claims 1 to 7, wherein the voice is divided into clauses based on the sound level of the input voice.

11. The voice data transmitting and receiving system according to one of claims 1 to 7, wherein the voice is divided off into clauses based on changes in the input voice pitch level.

12. The voice data transmitting and receiving system according to one of claims 1 to 7, wherein the voice is divided off into clauses based on measured movement of the user's lips.

13. The voice data transmitting and receiving system according to one of claims 1 to 7, wherein the voice is divided off into clauses based on measured vibrations of the user's

throat.

14. A voice data transmitting and receiving system, wherein the systems set forth in claims 1 to 8 are selected based on the extent of communication per unit time between the transmission and reception sides.

15. A voice data transmitting and receiving method as packet data via a network, wherein voice clauses are divided and transmitted as packet data in divided clause units in a transmission side, and the voice data is outputted as voice based on the received packet data in clause units in a receipt side.

16. A voice data transmitting and receiving method, wherein:

real-time communication packets are generated based on input voice data, the input voice data is divided into clause units and a plurality of RTP voice data in the clause units are transferred as packet data to a communication path in a transmission side; and

packet data in clause units are obtained from packeted received data received for producing a replica of the RTPs in clause units; and the voice data is outputted as voice based on the replica of the RTPs in a receipt side.

17. A voice data transmitting and receiving method, wherein;

real-time communication packets are generated based on input voice data, the input voice data is divided off into clause units and a plurality of voice data RTPs in the clause units are combined into a single packet data and transferred to a communication path in a transmission side; and

packet data in clause units are obtained from packeted received data for producing a replica of the RTPs in clause units and the voice data is outputted as voice based on the plurality of RTPs.